

# EUROPEAN PATENT OFFICE

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TITLE : IONIC OCULAR LENS AND OCULAR  
 LENS HAVING DRUG-SUSTAINED  
 RELEASING PROPERTY USING IT

ABSTRACT : PROBLEM TO BE SOLVED: To provide an ocular lens that comprises an ionic polymer gel having transparency and shape stability adequate for a practical use as an ocular lens and is excellent in the effect of drug-sustained release having a cationic substituent and to provide an ocular lens having the drug-sustained release using it.

SOLUTION: The ionic ocular lens is characterized in that it comprises a copolymer of a hydrophilic monomer, at least one kind selected from a methacrylate having in the side chain a phosphoric acid group represented by structural formula (I) and a methacrylate having in the side chain a phosphoric acid group represented by structural formula (II) and a monomer copolymerizable with these components. The ocular lens having the gradual drug-releasing property uses the ionic ocular lens.

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